

Matthew Erwin

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github.com/matterwin

EDUCATION

- **Louisiana State University**

Bachelor of Science in Computer Science, Minor in Mathematics GPA: 3.95

Baton Rouge, LA

Aug. 2020 – May 2024

TECHNICAL SKILLS

- **Languages:** Java, C/C++, Python, JavaScript, TypeScript, SQL (Postgres), HTML/CSS
- **Frameworks:** React, Node, Express, React Native, Redux, JUnit, Spring
- **Developer Tools:** Git, GitLab, Docker, AWS, Azure, Postman, Splunk, Figma, Jira

EXPERIENCE

- **Chevron**

Cloud Engineer Intern

Covington, LA

May 2023 - Aug. 2023

- **Splunk:** Developed sophisticated Splunk dashboards and alerts using SPL and designed visuals using XML, HTML, CSS, and JavaScript that served as template boards for Chevron's BUs
- **OT Automation:** Utilized Ansible Tower to orchestrate and automate infrastructure tasks for an early-in-the-works project, leveraging Ansible playbooks and Docker for other containerization tasks
- **Competency Pathways:** Interacted with Degreed's RESTful API and frontend to create multiple competency pathways for future Chevron Network Engineers using Postman and Degreed's GUI

- **General Dynamics Information Technology**

Software Engineer I (Part-time/Intern)

Remote

Nov. 2022 - Mar. 2023

- **FSA:** Served as a backend developer and gained practical experience with Java by programming pieces of the REST API for the Federal Student Aid Processing System
- **Version Control:** Proficiently employed version control systems, including GitLab and Git, to facilitate seamless collaboration within the development and testing team
- **API Testing:** Championed software quality assurance through the development of robust JUnit tests, validating the functionality of my code and the code of fellow engineers
- **Database:** Demonstrated bi-weekly functionality of user stories to clients using PgAdmin and PostgreSQL queries
- **SAFe:** Practiced SAFe Agile methodologies by following user stories and features and utilized communication platforms such as Confluence and Jira to track progress

- **General Dynamics Information Technology**

Software Developer Intern

Remote

June 2022 - Aug. 2022

- **AWS CI/CD:** Created full end-to-end automated pipelines via AWS CodeStar & AWS Blue/Green deployment
- **Containers:** Worked on small frontend coding projects and containerized such projects by building images and containers through Docker and Docker Hub

PROJECTS

- **SocialEyes Mobile App** | *MongoDB, Express, React Native, Redux, Typescript, Figma:*

- Developed a minimum viable product (MVP) for a social media app to showcase to investors
- Showcases user-generated event feeds, enabling others to view and receive invitations through our connection system
- Project entailed practice of software development lifecycle from Figma design to MVP and monetization

- **Crawfish Price App** | *React Native, Spring Boot, PostgreSQL, Firebase, Google Places API:*

- Work-in-progress mobile app for tracking crawfish and shrimp prices via crowd-sourcing and scraping
- Utilized external APIs like Google Places API to autocomplete and query distances from user to vendor
- In progress of developing map feature of visualizing vendors through using Google Maps API

- **Movie Review Web Application** | *React, Typescript, Rust, Node, Express, MySQL:*

- Full stack web application for users to read and write movie reviews
- Enables users to search for movies and give ratings to what they've seen